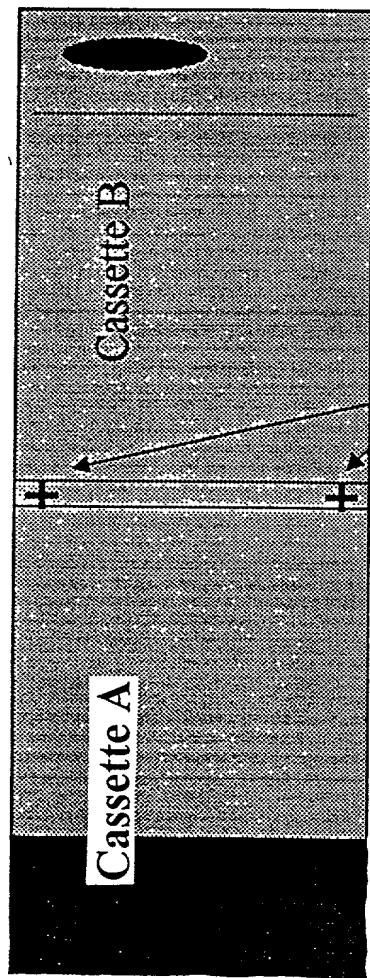


# Scoliosis IP Cassette

Tube side view

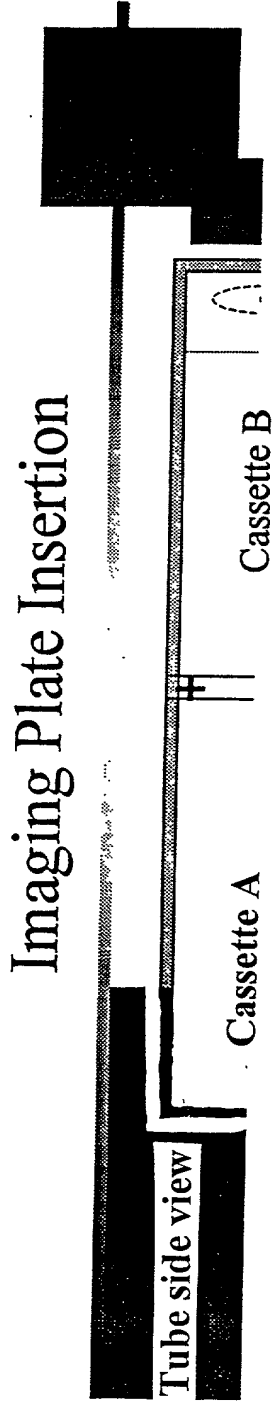
FIG. 1A



Registration marks on cassette  
for quick alignment

FIG. 1B

*Cassettes are joined at the bottom - back is no longer  
hinged and Carbon fiber front may be replaced with  
Aluminum for strength of long cassette.*



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

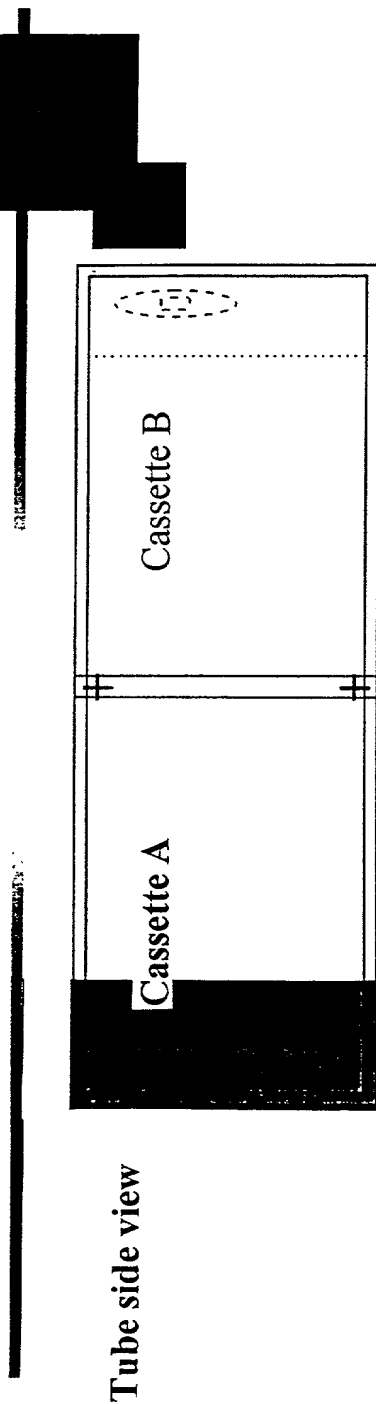
Cassette edge view  
(Magnified)

FIG. 2

Because of the overlap, no diagnostic image information is lost  
There is no gap between the IP's

FIG. 3A

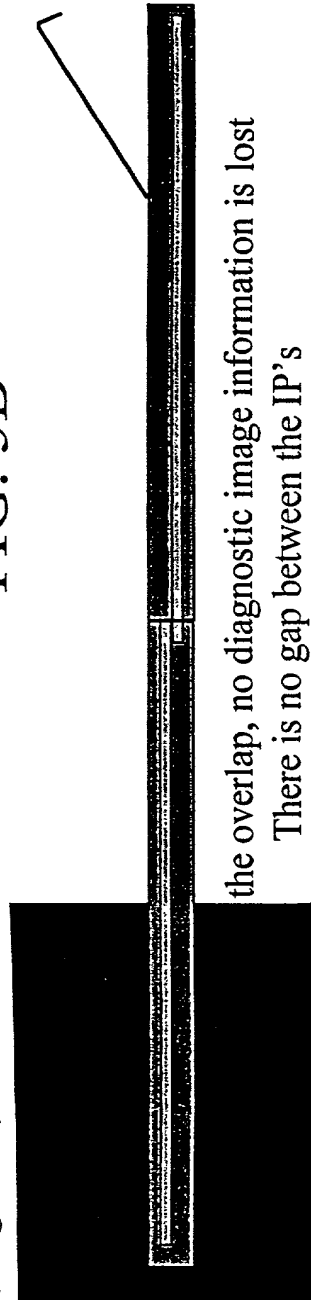
Imaging Plate Insertion



2 Imaging Plates (IP's) are inserted into cassette and overlap slightly

Cassette edge view  
(Magnified)

FIG. 3B



# Scoliosis IP Cassette

Cassette edge (Magnified  
at junction of cassettes)

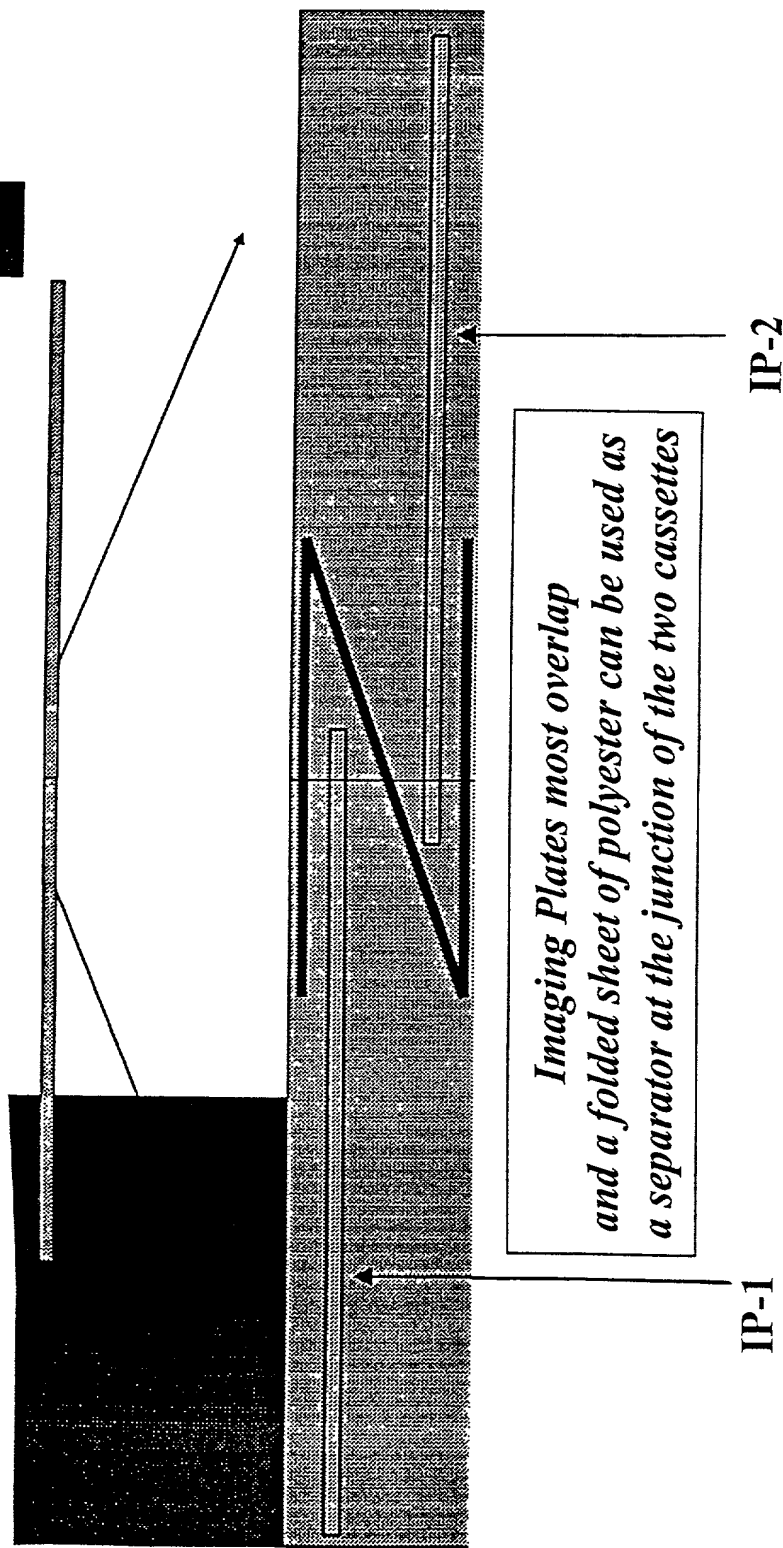


FIG. 4

## Advantages of Dual Design

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- . Allows IP to be run through CR Reader without manually removing IP from cassette.
- . Prevents loss of image information between IP's by overlap of IP's.
- . Provides imaging capability for automatically processing images up to 14" x 34" previously 14" x 17" maximum size.
- . Enables convenient use of Fuji Computed Radiography for Scoliosis and Long Leg examinations.

FIG. 5